Docket No. 60279.00073

SQUIRE, SANDERS & DEMPSEY LL.P.

Declaration For U.S. Patent Application

As a below named inventor. I hereby declare that: My residence post office uedress and citizenship are as stated below my name. I believe (I am the original first and sole inventor (if only one name is listed below) of an original, first and joint inventor (if plural, names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (insert Title) SECURE UPSTREAM TRANSMISSION IN PASSIVE OPTICAL/NETWORKS the specification of which is attached hereto unless the following box is checked: was filed on As PCT International Application Number. und was amended on was filed on And/or As United States Application Number and was amended on I hereby state that I have reviewed and understand the contents of the above identified specification including the claim(s), as amended by any amendment referred to above. l'acknowledge, the duty to disclose information, which is material to patentability as defined in 37.6 if R \$136 Thereby claim foreign priority benefits under 35.U.S.C. §1.19(a)-(d) or §365(b) of any foreign application(s) for patentior inventors certificate, or §365(a) of any PCT international application which designated at least one country other than the United States listed below and have also identified below any foreign application for patentior inventor's certificate or PCT international Application having a filing date before that of the application(s) for which priority is claimed: Priority Claimed 20031429 Finland 210ctober 2003 ☑ Yes □ No (List prior lorrigno ☐ Yes↑ □ No applications), 👍 Thereby claim the benefit under 35 (1) S.C. (\$119(e) of any United States provisional application(s) listed below (P.Police Sec attached list for additional prior foreign or provisional applications. Thereby claim the benefit under 35 U.S.C. \$120 of any United States application(s) or \$365(c) of any PCT international application(s) designating the United States of America listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior application (s) (U.S. on PCT) in the manner provided by the first paragraph of 35 U.S.C. \$112 lacknowledge the date of the prior application and the national or PCT International filing date of this application. (this prior U.S. Applications or P.C.I. International applications designating the U.S.) (Application Bered No 14. (States) (provided period (Application Sector No.) (اتالت العالم) (Status) (promited product abundance) And I hereby appoint the firm of Squire Sunders & Dempsey Customer Number 32294 including as principal attorneys. Douglas H. Goldhush, Reg. No. 33 125 Kevin F Turner, Reg. No. 43,437; Dinnatia J. Doster-Reg. No. 5,268. Hermes M. Soyez Reg. No. 45,852; Marc A. Sockol Reg. No. 32,394. Nathan Lane Reg. No. 43,738; David Rogers, Reg. No. 38,287; and Smart A. Whittington-Reg. No. 45,715. Please direct all communications to the following address: Customer: No. 32294 SOUIRE: SANDERS & DEMPSEY 1.21. P. ... 8000 Towers Crescent Drive 1145 Floor Tysons Comer. Virginia 222182-27007 Telephone No. (703) 720-78007 Facsimile No. (703):720-7802

The undersigned hereby authorizes the U.S. automeys named herein to accept and follow, instructions from the undersigned's assigned if any and/or if the undersigned is not a resident of the United States (the undersigned sydomestic automey) patent agents as to any action to be lake in the Patent and Trademark Office regarding this application without direct communication between the U.S. automeys and the undersigned. In the revent of a change in the person(s) from whom instructions may be taken, the U.S. automeys named herein will be so notified by the undersigned.

Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Olli-Pekka POHJOLA Inventor's signature Residence Helsinki Finland Citizenship Finnish Post Office Address Kristianinkatu 7/C 412 FIN-00170 Helsinki Finland-Full name of second inventor. ArtiTERVONEN Inventor's signature Residence Vuntaa, Finland Citizenship Finnish Post Office Address Kiertomaentie 28 A, FIN-01260 Vantaa, Finland Full name of third inventor Inventor's signature Residence Date 3 Citizenship Post Office Address, Eull name of fourth inventor inventor's signature Residence Date Citizenship Post Office Address Full name of fifth inventor Inventor's signature Residence Citizenship Post Office Address Full name of sixth inventor Inventor's signature Residence Citizenship Post Office Address Full name of seventh inventor Inventor's signature Residence Date Citizenship Post Office Address